

# Blackline F15<sup>+</sup>

Compact, two-way passive system

## features

- ▶ Wide-bandwidth system
- ▶ User rotatable 80° x 50° horn
- ▶ Top hat fitting for speaker stand mounting
- ▶ 1.4" (35mm) exit compression driver
- ▶ Five year limited warranty

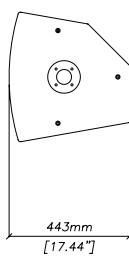
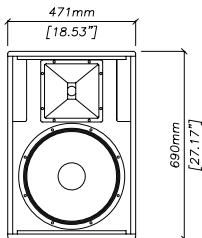
## applications

- ▶ Live club performance
- ▶ High powered stage monitoring
- ▶ Club installs

The high power Blackline F15<sup>+</sup> is a high performance, wide-bandwidth system in a compact and efficient package. Extended frequency response is provided by a new 15" (380mm) LF driver and a new 1.4" (35mm) exit compression driver mounted on a rotatable 80° x 50° constant directivity HF horn. The new LF driver features a tough, water resistant cone and a lightweight, high BL, neodymium motor system with inside/outside coil windings for improved heat transfer. An aluminium demodulating ring reduces distortion and improves midrange clarity at high levels and increased excursion is available via a triple roll surround and deep motor structure. The new HF driver utilises a titanium diaphragm with controlled break-up modes for improved sonic performance at high frequencies and the crossover design and LF cone profile have been optimised to match the directivity of the HF horn and LF section through the crossover region.

A Martin Audio M3<sup>+</sup> or DXI Electronic Controller is available to provide F15<sup>+</sup>/subwoofer crossover and limiter facilities.

## overall dimensions



F15+



## technical specifications

TYPE	Compact, two-way passive
FREQUENCY RESPONSE (5)	55Hz-18kHz ± 3dB -10dB @ 45Hz
DRIVERS	15" (380mm)/3" (75mm) voice coil, neodymium magnet LF driver 1.4" (35mm) exit HF compression driver
RATED POWER (2)	400W AES, 1600W peak
RECOMMENDED AMPLIFIER	400W-1200W into 4 ohms
SENSITIVITY (6)	100dB
MAXIMUM SPL (7)	124dB continuous, 130dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	80° horizontal, 50° vertical
CROSSOVER	1.4 kHz passive
ENCLOSURE	68 litre, multi-laminate birch ply
FINISH	Textured black paint
PROTECTIVE GRILLE	Black perforated steel
CONNECTORS	2 x Neutrik NL4
PIN CONNECTIONS	FR+,- : I+,-, Link thro': 2+,2-
FITTINGS	12 x M8 threaded inserts 1 x mounting pole socket 2 x pocket handles
DIMENSIONS	(W) 471mm x (H) 690mm x (D) 443mm (W) 18.5ins x (H) 27.2ins x (D) 17.5ins
WEIGHT	30.5 kg (67lbs)

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